

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Group Art Unit: 1651	:	
	:	
Examiner: Allison M. Ford	:	p18 IN STEM CELL MANIPULATIONS
In re application of	:	
Tao Cheng	:	
	:	
Serial No.: 10/576,785	:	
	:	
Filing Date: April 21, 2006	:	
	:	
Attorney Docket No: 060230PCTUS	:	

**PETITION AND FEE TO ADD INVENTORS  
UNDER 37 C.F.R. § 1.48(a)**

June 14, 2010

Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Petition is to correct the original naming of inventors in pending U.S. Patent Application Serial No. 10/576,785 (hereinafter the "Subject Application") entitled "p18 in Stem Cell Manipulations" pursuant to 37 C.F.R. § 1.48(a). Please amend the Subject Application to add the inventor(s) listed below:

Name: Youzhong Yuan  
Address: 475 Sage Drive  
Pittsburgh, PA 15243 USA  
Citizenship: Chinese

Name: Hongmei Shen  
Address: 1529 Brimfield Drive  
Sewickley, PA 15143 USA  
Citizenship: Chinese

Name: Hui Yu  
Address: 4910 Centre Avenue, Apt. E7  
Pittsburgh, PA 15213 USA  
Citizenship: Chinese

Name: David T. Scadden  
Address: 62 Lexington Street  
Weston, MA 02493 USA  
Citizenship: United States

Accordingly, Applicants respectfully request that Youzhong Yuan, Hongmei Shen, Hui Yu, and David T. Scadden be added as inventors in the Subject Application. As required by 37 C.F.R. § 1.48(a), Applicants include herewith the following:

1. A Statement Under 37 C.F.R. § 1.48(a)(2) by Youzhong Yuan, the inventor to be added, stating that the error in the previously named inventive entity for the Subject Application occurred without deceptive intent on the part of Youzhong Yuan;
2. A Statement Under 37 C.F.R. § 1.48(a)(2) by Hongmei Shen, the other inventor to be added, stating that the error in the previously named inventive entity for the Subject Application occurred without deceptive intent on the part of Hongmei Shen; and
3. A Statement Under 37 C.F.R. § 1.48(a)(2) by Hui Yu, the inventor to be added, stating that the error in the previously named inventive entity for the Subject Application occurred without deceptive intent on the part of Hui Yu;
4. A Statement Under 37 C.F.R. § 1.48(a)(2) by David T. Scadden, the inventor to be added, stating that the error in the previously named inventive entity for the Subject Application occurred without deceptive intent on the part of David T. Scadden;
5. An inventor Declaration by Youzhong Yuan, Hongmei Shen, Hui Yu, David T. Scadden and Tao Cheng.

Applicants submit that the written consent of the assignee to add the inventors under 37 C.F.R. § 1.48(a)(5) is not required because no such assignment has been executed.

The Commissioner is hereby authorized to charge Account No. 11-1110 in the amount of \$130.00 for the submission of this request under 37 C.F.R. § 1.17(i) and any other fee necessary for consideration of this Petition.

Respectfully submitted,

June 14, 2010  
Date

Sean M. Conrad  
Sean M. Conrad  
Patent Agent  
Reg. No. 61,532

K&L GATES LLP  
210 Sixth Ave.  
Pittsburgh, PA 15222  
Telephone: (412) 355.6218  
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Customer No. 26285

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Attorney Docket No: 060230PCTUS	:	

**STATEMENT UNDER 37 C.F.R. 1.48(a)(2) by Youzhong Yuan**

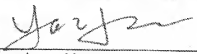
Commissioner for Patents  
P.O. Box: 1450  
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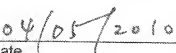
Sir:

I, Youzhong Yuan, depose and say as follows:

1. I am an inventor of the invention claimed in one or more pending claims of the above-referenced patent application (the "Subject Application").
2. I was not listed as an inventor in the Subject Application and at the time of filing of the Subject Application on April 21, 2006.
3. My omission as an inventor in the Subject Application occurred without deceptive intent on my part.

4. I further declare that all statements made herein are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or document or any registration resulting therefrom.

  
\_\_\_\_\_  
Youzhong Yuan

  
\_\_\_\_\_  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Filing Date: April 21, 2006	:	
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Attorney Docket No: 060230PCTUS	:	

**STATEMENT UNDER 37 C.F.R. 1.48(a)(2) by Hongmei Shen**

Commissioner for Patents  
P.O. Box: 1450  
Alexandria, VA 22313-1450

Sir:

I, Hongmei Shen, depose and say as follows:

1. I am an inventor of the invention claimed in one or more pending claims of the above-referenced patent application (the "Subject Application").
2. I was not listed as an inventor in the Subject Application and at the time of filing of the Subject Application on April 21, 2006.
3. My omission as an inventor in the Subject Application occurred without deceptive intent on my part.

4. I further declare that all statements made herein are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or document or any registration resulting therefrom.

  
\_\_\_\_\_  
Hongmei Shen

4/6/10  
\_\_\_\_\_  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Tao Cheng	:	
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Serial No.: 10/576,785	:	
	:	
Filing Date: April 21, 2006	:	
	:	
Attorney Docket No: 060230PCTUS	:	

**STATEMENT UNDER 37 C.F.R. 1.48(a)(2) by Hui Yu**

Commissioner for Patents  
P.O. Box: 1450  
Alexandria, VA 22313-1450

Sir:

I, Hui Yu, depose and say as follows:

1. I am an inventor of the invention claimed in one or more pending claims of the above-referenced patent application (the "Subject Application").
2. I was not listed as an inventor in the Subject Application and at the time of filing of the Subject Application on April 21, 2006.
3. My omission as an inventor in the Subject Application occurred without deceptive intent on my part.



4. I further declare that all statements made herein are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or document or any registration resulting therefrom.



Hui Yu

4/6/2010

Date

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Examiner: Allison M. Ford

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MANIPULATIONSIn re application of  
Tao Cheng

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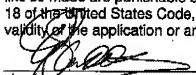
Attorney Docket No: 060230PCTUS

**STATEMENT UNDER 37 C.F.R. 1.48(a)(2) by David T. Scadden**Commissioner for Patents  
P.O. Box: 1450  
Alexandria, VA 22313-1450

Sir:

I, David T. Scadden, residing at 62 Lexington Street, Weston, MA 02493 USA, who am being added as an inventor in the above application, hereby declare that the error in naming inventorship in U.S. Application No. 10/576,785 occurred without deceptive intent on my part.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

  
\_\_\_\_\_  
David T. Scadden  
\_\_\_\_\_  
Date

DOCKET NO. 060230PCTUS

PATENT

**DECLARATION****INVENTORSHIP IDENTIFICATION**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

**p18 IN STEM CELL MANIPULATIONS****TITLE OF INVENTION****SPECIFICATION IDENTIFICATION**

The specification of which is filed on April 21, 2005, as Serial No. 10/576,785 and was described and claimed in PCT International Application No. PCT/US2004/35220 filed on October 25, 2004.

**ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56.

**PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)**  
(Prior Foreign/Pct Application(S) Filed Within 12 Months  
(6 Months For Design) Prior To This Application)

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate(s) or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) or any PCT international application(s) having a filing date before that of the application(s) of which priority is claimed.

Application Number	Country or PCT	Date Of Filing (Day, Month, Year)	Priority not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/> YES <input type="checkbox"/> NO

Declaration Page 1



**DOCKET NO. 060230PCTUS****PATENT****CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. § 119(e)**

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date
60/514,329	October 24, 2003
60/620,154	October 19, 2004

**CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120**

(All Foreign Application(S), *If Any*, Filed More Than 12 Months  
(6 Months For Design) Prior To This U.S. Application)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or 365(c) PCT International application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application.



DOCKET NO. 060230PCTUS

PATENT

U.S Parent Application No.	PCT Parent Application No.	Date Of Filing (Day, Month, Year)	Parent Patent No. (if applicable)
	PCT/US2004/035220	25/October/2004	

## DECLARATION

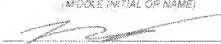
I hereby declare that my presentation of this paper constitutes a certification under 37 C.F.R § 10.18, which provides, in part, that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application and any patent issuing therefrom.





Declaration Page 3

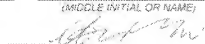
## SIGNATURE(S)

## Inventor(s)

<u>Tao</u> (GIVEN NAME)	<u></u> (MIDDLE INITIAL OR NAME)	<u>Cheng</u> (FAMILY (OR LAST) NAME)
<u>Inventor's signature</u> 		
<u>Date</u>	<u>6/9/10</u>	<u>Country of Citizenship</u> <u>Chinese</u>
<u>Residence</u>	<u>Sewickley, PA 15143</u>	
<u>Mailing Address</u>	<u>1529 Brimfield Drive, Sewickley, PA 15143 USA</u>	

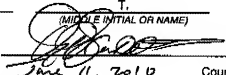
<u>Youzhong</u> (GIVEN NAME)	<u></u> (MIDDLE INITIAL OR NAME)	<u>Yuan</u> (FAMILY (OR LAST) NAME)
<u>Inventor's signature</u> 		
<u>Date</u>	<u>6/9/10</u>	<u>Country of Citizenship</u> <u>Chinese</u>
<u>Residence</u>	<u>Pittsburgh, PA 15243</u>	
<u>Mailing Address</u>	<u>475 Sage Drive, Pittsburgh, PA 15243 USA</u>	

<u>Hongmei</u> (GIVEN NAME)	<u></u> (MIDDLE INITIAL OR NAME)	<u>Shen</u> (FAMILY (OR LAST) NAME)
<u>Inventor's signature</u> 		
<u>Date</u>	<u>6/9/10</u>	<u>Country of Citizenship</u> <u>Chinese</u>
<u>Residence</u>	<u>Sewickley, PA 15143</u>	
<u>Mailing Address</u>	<u>1529 Brimfield Drive, Sewickley, PA 15143 USA</u>	

<u>Hui</u> (GIVEN NAME)	<u></u> (MIDDLE INITIAL OR NAME)	<u>Yu</u> (FAMILY (OR LAST) NAME)
<u>Inventor's signature</u> 		
<u>Date</u>	<u>6/10/10</u>	<u>Country of Citizenship</u> <u>Chinese</u>
<u>Residence</u>	<u>Pittsburgh, PA 15213</u>	
<u>Mailing Address</u>	<u>4910 Centre Avenue Apt E7, Pittsburgh, PA 15213 USA</u>	

DOCKET NO. 060230PCTUS

PATENT

<u>David</u> (GIVEN NAME)	<u>T.</u> (MIDDLE INITIAL OR NAME)	<u>Scadden</u> FAMILY (OR LAST NAME)
<u>Inventor's signature</u> 		
<u>Date</u>	<u>June 11, 2010</u>	<u>Country of Citizenship</u> <u>United States</u>
<u>Residence</u>	<u>Weston, MA 02493</u>	
<u>Mailing Address</u>	<u>62 Lexington Street, Weston, MA 02493 USA</u>	

- ☐ Signature by administrator(trix), or legal representative for deceased or incapacitated inventor. Number of pages added \_\_\_\_\_.
- ☐ Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added \_\_\_\_\_.
- ☐ Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47) Number of pages added \_\_\_\_\_.
- ☐ Authorization of attorney(s) to accept and follow instructions from representative.
- ☒ This declaration ends with this page.